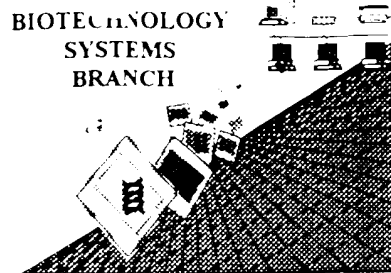


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/978,375

Source: OIP

Date Processed by STIC: 11/1/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 04/978,375

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOF

- 1 _____ Wrapped Nucleics
 Wrapped Aminos
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 _____ Invalid Line Length
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 _____ Misaligned Amino
 Numbering
The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 _____ Non-ASCII
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 _____ Variable Length
Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 _____ PatentIn 2.0
 "bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 _____ Skipped Sequences
 (OLD RULES)
Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 _____ Skipped Sequences
 (NEW RULES)
Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 _____ Use of n's or Xaa's
 (NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 _____ Invalid <213>
 Response
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 _____ Use of <220>
Sequence(s) 157 missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 _____ PatentIn 2.0
 "bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 _____ Misuse of n
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

OIPE

RAW SEQUENCE LISTING

DATE: 11/01/2001

PATENT APPLICATION: US/09/978,375

TIME: 10:41:36

Input Set : A:\Seq_Listing_for_P2630P1C24.wpd

Output Set: N:\CRF3\11012001\I978375.raw

3 <110> APPLICANT: Ashkenazi, Avi
4 Baker Kevin P.
5 Botstein, David
6 Desnoyers, Luc
7 Eaton, Dan
8 Ferrara, Napoleon
9 Filvaroff, Ellen
10 Fong, Sherman
11 Gao, Wei-Qiang
12 Gerber, Hanspeter
13 Gerritsen, Mary E.
14 Goddard, Audrey
15 Godowski, Paul J.
16 Grimaldi, J. Christopher
17 Gurney, Austin L.
18 Hillan, Kenneth J.
19 Kljavin, Ivar J.
20 Kuo, Sophia S.
21 Napier, Mary A.
22 Pan, James;
23 Paoni, Nicholas F.
24 Roy, Margaret Ann
25 Shelton, David L.
26 Stewart, Timothy A.
27 Tumas, Daniel
28 Williams, P. Mickey
29 Wood, William I.
31 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
32 Acids Encoding the Same
34 <130> FILE REFERENCE: P2630P1C24
OK> 36 <140> CURRENT APPLICATION NUMBER: US/09/978,375
OK> 36 <141> CURRENT FILING DATE: 2001-10-16
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37 <151> PRIOR FILING DATE: 2001-07-30
39 <150> PRIOR APPLICATION NUMBER: 60/062250
40 <151> PRIOR FILING DATE: 1997-10-17
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43 <151> PRIOR FILING DATE: 1997-11-03
45 <150> PRIOR APPLICATION NUMBER: 60/065311
46 <151> PRIOR FILING DATE: 1997-11-13
48 <150> PRIOR APPLICATION NUMBER: 60/066364
49 <151> PRIOR FILING DATE: 1997-11-21
51 <150> PRIOR APPLICATION NUMBER: 60/077450
52 <151> PRIOR FILING DATE: 1998-03-10
54 <150> PRIOR APPLICATION NUMBER: 60/077632
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57 <150> PRIOR APPLICATION NUMBER: 60/077641

Handwritten notes: *pg 4,6*

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,375

DATE: 11/01/2001

TIME: 10:41:36

Input Set : A:\Seq_Listing_for_P2630PlC24.wpd

Output Set: N:\CRF3\11012001\I978375.raw

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,375

DATE: 11/01/2001

TIME: 10:41:36

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Output Set: N:\CRF3\11012001\I978375.raw

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,375

DATE: 11/01/2001

TIME: 10:41:36

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Output Set: N:\CRF3\11012001\I978375.raw

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(also, do not show spaces
 between dashes)

Please correct
 similar error in
 subsequent sequences

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,375

DATE: 11/01/2001

TIME: 10:41:36

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Output Set: N:\CRF3\11012001\I978375.raw

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<210> 157

<211> 412

<212> PRT

<213> Artificial

see with Non Enzymatic Sheet

<400> 157

Met Gly Leu His Leu Arg Pro Tyr Arg Val Gly Leu Leu Pro Asp

1

5

10

15

F-1

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,375

DATE: 11/01/2001

TIME: 10:41:37

Input Set : A:\Seq_Listing_for_P2630P1C24.wpd

Output Set: N:\CRF3\11012001\I978375.raw

L:36 M:270 C: Current Application Number differs, Replaced Current Application No
 L:36 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:244 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
 L:370 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
 L:445 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
 L:978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
 L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
 L:992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
 L:1012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
 L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
 L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
 L:1552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
 L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
 L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
 L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
 L:1743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
 L:1745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
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 L:5918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
 L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
 L:6192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
 L:6196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
 L:6223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
 L:6225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,375

DATE: 11/01/2001

TIME: 10:41:37

Input Set : A:\Seq_Listing_for_P2630PlC24.wpd

Output Set: N:\CRF3\11012001\I978375.raw

L:6387 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:157
L:6389 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:6389 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:7713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:7719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:7729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191
L:8724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215
L:10653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265
L:10655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265
L:10657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265